MEASUREMENT BOOK

MAIN-BJU

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work:- Improvements of roads from amruthahalli main road to hottappa layout in ward no.07.						
	Est cost:- Rs.40.00 lakhs.						
	A.S-No:-						
	T.S-No:-						
	Modified Agr no:- No.EE/BBMP/Agr/88/16-17; dt: 03-08-16						
	Modified work order no: No.BBMP/EE/BTP/WO/88/16-17; dt: 03-08-16						
	old work order:- No.EE/BBMP/WO/340/16-17; dt: 30-03-16						
	Approved tender price:- Rs.3767246.01						
	Date of recording: 19.06.18						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item No.01:- Earthwork excav average lift upto 0.5 disposed earth to be specifications complet Qty vide pag At the rate o
	Item No.14:- loading and Qty vide item

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
of roads from amruthahalli main ppa layout		in ward no.07.	
Agr | 88 | 16-17 ; dt: 03-08-16			
BTP | 100 | 88 | 16-17 ; dt: 03-08-16			
100 | 340 | 16-17 ; dt: 30-03-16			
01			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427722

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item. No. 01:- Earthwork excavation by manual means in ordinary soil involving and average lift upto 0.5m excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications complete.						
	Qty vide page no. 4278 | 427712 →					1459.50 cum	
	At the rate of Rs.	(1054	x 75.60)	+ (405.50	x 79.19)	=	111793.90
	Item. No. 14:- loading and unloading charges.						
	Qty vide item no. 01 →	(1054	x 68.40)	+ (376.31	x 90.30)	=	106074.40

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 02:- Scarifying the existing granular road surface to a depth of 50mm and disposal of scarified material within all lifts and leads upto 1000 mtrs complete as per specifications.						
	Qty vide page no. 4278 | 427713 →				1533.00	sqm	28146.00
	At the rate of Rs. 18.36 →						
	Item No 03:- Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete.,						
	Qty vide page no. 4278 | 427713 →				1533.00	sqm	6867.80
	At the rate of Rs. 4.48 →						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	Item No 04:- Providing and layin 1:4:8 using 40mm and do laid in layers not exceed including cost of all mate Qty vide page no At the rate of R	
	Item No 07:- Providing and fabr straightening, cutting, b	

OK

Depth 6	Contents 7	Reference to last Measurement 8
	surface to a depth of 50m lifts and leads upto	
33.00 sqm		28146.00
aximum of 6 passes of 8 to 10 pression occuring during of machinery		complete.,
1533.00 sqm		6867.80

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427723

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item. No. 04:- Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms, thickwell compacted in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete.,						
	Qty vide page no. 4278/427714 →				42.30 cum		214212.30
	At the rate of Rs. 5064.12 →						
	Item. No. 07:- Providing and fabricating TMT steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, lapping and or						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design, cost of materials, labour, TOM of machinery complete as per specifications.						
	Qty vide page no. 4278	4277	17 →		8.60 tonne.		
	At the rate of Rs. 77000.00 →						662200.00
	Item No.05:-						
	Providing and removing, centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness including attached pilasters, buttressed, plinth and string course cost of all materials, labours complete as per specifications.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Qty vide page no.
	At the rate of Rs.
	Item No.06:-
	Providing and lay jelly of ready mix concrete compacted including vi with all lead and lift
	Rec-drain:- Bottom: 0-24 30-61

NT BOOK

imensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
ying with binding wire and bers wherever necessary complete abour, TOM of machinery complete				
7717 →		8.60 tonne.		662200.00
→				
ntering, shuttering, strutting, orm work for vertical surface such as attached pilasters, buttressed, all materials, labours complete				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427724

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty vide page no. 4278/427718 →		427718 →			767.51 sqm	1815131.45
	At the rate of Rs. 236.52 →						
	Item No.06:- Providing and laying cement concrete using 20mm and down size granite jelly of ready mix concrete for RCC works laid in 15cms thick layers and well compacted including vibrating curing etc., including smooth finish in CM 1:3, with all lead and lift etc., complete.,						
	RC-drain:- Bottom: 0-24	1.0	24.0	0.90	0.15	= 3.24	
	30-61	1.0	31.0	0.90	0.15	= 4.19	

7.43.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	7.43	
1	2	3	4	5	6	7	8
	66-96	01	30.0	0.90	0.15	= 4.05	
	96-126	01	30.0	0.90	0.15	= 4.05	
	126-156	01	30.0	0.90	0.15	= 4.05	
	156-184	01	28.0	0.90	0.15	= 3.78	
	205-219	01	14.0	0.90	0.15	= 1.89	
						25.25 cum	
	Sidewall:-						
	C&F.C	1x2	24.0	0.15	0.75	= 5.40	
		1x2	31.0	0.15	0.75	= 6.98	
		1x2	30.0	0.15	0.75	= 6.75	
	13/07	1x2	30.0	0.15	0.75	= 6.75	
		1x2	30.0	0.15	0.75	= 6.75	
		1x2	28.0	0.15	0.75	= 6.30	
		1x2	14.0	0.15	0.75	= 3.15	
						42.08 cum	
						67.33	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Culverts : LHS:-
	2nd 'A' cross: Bottom
	CH-37-43: sidewall
	3rd 'A' cross: Bottom
	CH-68-73: sidewall
	4th 'A' cross: Bottom
	CH-111-116: sidewall
	5th 'A' cross: Bottom
	CH-142÷148 sidewall
	6th 'A' cross Bottom
	CH: 169-175 sidewall

OOK

Depth 6	Contents 7	Reference to last Measurement 8
	7.43	
0.15	= 4.05	
0.15	= 4.05	
0.15	= 4.05	
0.15	= 3.78	
0.15	= 1.89	
	25.25 cum	
0.75	= 5.40	
0.75	= 6.98	
0.75	= 6.75	
0.75	= 6.75	
0.75	= 6.75	
0.75	= 6.30	
0.75	= 3.15	
	42.08 cum	

67.33

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427725

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Culverts : LHS:-					67.33	
	2nd 'A' cross: Bottom	1.0	6.0	1.80	0.15	= 1.62	
	CH-37-43: sidewall	1x2 = 2	6.0	0.23	0.9	= 2.48	
	3rd 'A' cross: Bottom	1.0	5.0	1.80	0.15	= 1.35	
	CH-68-73: sidewall	1x2 = 2	5.0	0.23	0.90	= 2.07	
	4th 'A' cross: Bottom	1.0	5.0	1.80	0.15	= 1.35	
	CH-111-116: sidewall	1x2 = 2	5.0	0.23	0.90	= 2.07	
	5th 'A' cross: Bottom	1.0	6.0	1.80	0.15	= 1.62	
	CH-142-148 sidewall	1x2 = 2	6.0	0.23	0.90	= 2.48	
	6th 'A' cross Bottom	1.0	6.0	1.80	0.15	= 1.62	
	CH: 169-175 sidewall	1x2 = 2	6.0	0.23	0.90	= 2.48	

86.47

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents 86.47	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Culvert - RHS: CH: 61-66						
	Bottom.	1.0	5.0	1.80	0.15	= 1.35	
	Sidewall:	1x2=2	5.0	0.23	0.90	= 2.07	
	Khasinagara - near mill:	1.0	6.5	1.80	0.15	= 1.76	
		1x2=2	6.5	0.23	0.90	= 2.69	
						27.02 cum	
	Culvert - covering slab:						
	CH: 37-43	10	1.80	0.60	0.23	= 2.48	
	CH: 68-73	10	1.80	0.60	0.23	= 2.48	
	CH: 111-116	8	1.80	0.60	0.23	= 1.99	
	CH: 142-148	8	1.80	0.60	0.23	= 1.99	
	CH: 169-175	8	1.80	0.60	0.23	= 1.99	
	RHS: CH: 61-66	8	1.80	0.60	0.23	= 1.99	
	Khasinagara-near mill:	10	1.80	0.60	0.23	= 2.48	
						109.74	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Ramps for old culverts-
	At the rate of Rs.
	Item. No. 08:-
	Providing laying and compacting gra -ns including pre-mixin mix plant carriage uniform layers with

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
		86.47	
0	0.15	= 1.35	
3	0.90	= 2.07	
80	0.15	= 1.76	
23	0.90	= 2.69	
		27.02 cum	
60	0.23	= 2.48	
60	0.23	= 2.48	
60	0.23	= 1.99	
60	0.23	= 1.99	
60	0.23	= 1.99	
60	0.23	= 1.99	
60	0.23	= 2.48	

109.74

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427726

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
						= 15.40 cum	
	Ramps for old culverts- hotteppa layout:-	03	5.0	1.60	0.15	= 3.60 cum	
					Total =	113.34 cum	
	At the rate of Rs. 5700.00 →						646038.00
	Item No.08:- Providing laying, spreading and compacting graded fine aggregate and compacting graded fine aggregate to wet-mix macadam specificatio -ns including pre-mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	surface and compacting with vibratory roller to achieve the desired density complete, as per specifications:-						
	Qty vide page no. 4278 | 427719 →					470.97 cum	
	At the rate of Rs. 1023.00 →						481802.00
	Item. No.09:-						
	Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications.			B_1 B_2		Avg B	Qty
	Main road:-	0-30	01	30.0	(6.6 + 6.5)	6.55	196.50
	From Jcross - LHS	30-60	01	30.0	(6.5 + 5.4)	5.9	177.00
	to burial ground:	60-90	01	30.0	(5.4 + 5.6)	5.5	165.00

533.50

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ....

Date	Full description, etc, of wo
1	2
	90
	120
	150
	180
	210
	At the rate
	Item. No.10:-
	Providing aggregates of s binder and transp grade, level and

NT BOOK

ensions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
ratory roller to achieve the specifications."			
719 → 470.97 cum			481852.50
mes coal with bitumen emulsion base including clearing of road the rate of 0.60 kg/sqm using specifications.			
	B1 B2	Avg B	Qty
0	(6.6 + 6.5)	= 6.55	196.50
0	(6.5 + 5.4)	= 5.9	177.00
0	(5.4 + 5.6)	= 5.5	165.00

533.50

M. A. R. 57 (Rule 116)
Measurement Book

No. B

427727

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	90-120	01	30.0	5.6	6.7	= 6.15	= 184.50
	120-150	01	30.0	6.7	7.8	= 7.25	= 217.50
	150-180	01	30.0	7.8	7.2	= 7.50	= 225.00
	180-210	01	30.0	7.2	6.82	= 6.96	= 208.80
	210-233	01	23.0	6.82	7.0	= 6.90	= 158.70
	At the rate of Rs. 31.32 →				Total =	1533.00 sqm	48013.55

1533

Item. No. 10:-
Providing and laying graded bituminous macadam using crushed aggregates of specified grading premixed with VG 30 grade bituminious binder and transporting the hot mix to worksite, laying the required grade, level and alignment, rolling with smooth wheeled vibratory,,

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement	
		Number	Length	Breadth	Depth			
1	2	3	4	5	6	7	8	
				B_1	B_2	Avg. B	D	Qty
	For main road: 0-30	01	30.0	(6.6 + 6.56)		= 6.55	0.05	9.83
	(From 1st cross to burial 30-60	01	30.0	(6.5 + 5.4)		= 5.90	0.05	8.85
	ground) 60-90	01	30.0	(5.4 + 5.6)		= 5.50	0.05	8.25
	90-120	01	30.0	(5.6 + 6.7)		= 6.15	0.05	9.23
	120-150	01	30.0	(6.7 + 7.8)		= 7.25	0.05	10.88
	150-180	01	30.0	(7.8 + 7.2)		= 7.50	0.05	11.25
	180-210	01	30.0	(7.2 + 6.82)		= 6.96	0.05	10.44
	210-233	01	23.0	(6.82 + 7.0)		= 6.90	0.05	7.94
							Total:-	76.65 cum
	At the rate of Rs. 7914.24 →							606626.50

Item No. 11:-

Providing and applying tack coat using 80/100 grade bitumen (VG10) in boiler fitted with spray set distributor at the rate of 0.2 kg per sqm on prepared bituminous surface,

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	0-30	01
	30-60	01
	60-90	01
	90-120	01
	120-150	01
	150-180	01
	180-210	01
	210-233	01
	At the rate of Rs	

Item No. 12:-

Providing and laying

BOOK

ions Breadth 5 B_1	Depth 6 B_2	Contents 7 Avg.B	Reference to last Measurement 8 D	Qty
6.6	+ 6.56) =	6.55	0.05	9.83
6.5	+ 5.4) =	5.90	0.05	8.85
5.4	+ 5.6) =	5.50	0.05	8.25
5.6	+ 6.7) =	6.15	0.05	9.23
6.7	+ 7.8) =	7.25	0.05	10.88
7.8	+ 7.2) =	7.50	0.05	11.25
7.2	+ 6.82) =	6.96	0.05	10.44
6.82	+ 7.0) =	6.90	0.05	7.94
		Total:-		76.65 (m)
				606626.50

coat using 80/100 grade
spray set distributor at
bituminous surface,

M. A. R. 57 (Rule 116)
Measurement Book

No. B

427728

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth B_1 5	Depth B_2 6	Contents Avg.B 7	Reference to last Measurement Qty 8
	0-30	01	30.0	(6.60 + 6.50)		= 6.55	= 196.50
	30-60	01	30.0	(6.40 + 5.40)		= 5.90	= 177.00
	60-90	01	30.0	(5.40 + 5.60)		= 5.50	= 165.00
	90-120	01	30.0	(5.60 + 5.70)		= 6.15	= 184.50
	120-150	01	30.0	(6.70 + 7.80)		= 7.25	= 217.50
	150-180	01	30.0	(7.80 + 7.20)		= 7.50	= 225.0
	180-210	01	30.0	(7.20 + 6.82)		= 6.96	= 208.80
	210-233	01	23.0	(6.82 + 7.0)		= 6.90	= 158.70
						Total =	1533.00 sqm
							18212.00
	At the rate of Rs. 11.88 →						

Item No.12:-
Providing and laying bituminous concrete using crushed aggregate of

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

spacifying grading, premixed with bituminous binder and filler, transporting the hotmix to work site, laying with paver finisher to the required grade, level and alignment, rolling with the smooth wheeled vibrator and tandem rollers to achieve the desired compaction as per MORTH - specifications.

				B_1	B_2	Avg. B	D	Qty
For main road:	0-30	01	30.0	(6.6	+6.5)	= 6.55	0.04	7.86
[From 1st cross to burial ground]	30-60	01	30.0	(6.5	+ 5.4)	= 5.91	0.04	7.08
	60-90	01	30.0	(5.4	+ 5.6)	= 5.50	0.04	6.60
	90-120	01	30.0	(5.6	+6.7)	= 6.15	0.04	7.38
	120-150	01	30.0	(6.7	7.8)	= 7.25	0.04	8.70
	150-180	01	30.0	(7.8	+7.2)	= 7.50	0.04	9.00
	180-210	01	30.0	(7.2	+6.82)	= 6.96	0.04	8.35
	210-233	01	23.0	(6.82	+7.0)	= 6.90	0.04	6.35

61.32

C&F.C

13/6/18

M.

Serial No. .....

Name of Work ..... Fr

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	At the rate of Rs.	9483
	Item No. 13:-	
	Providing and laying	
	including reflectorising	glass
	is exclusive of surface	appli
		02
	At the rate of Rs.	475

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
		bituminous binder and filler, laying with paver finisher to rolling with the smooth achieve the desired	

B_1	B_2	Avg. B	D	Qty
6	+6.5)	= 6.55	0.04	7.86
.5	+ 5.4)	= 5.90	0.04	7.08
.4	+ 5.6)	= 5.50	0.04	6.60
.6	+6.7)	= 6.15	0.04	7.38
.7	7.8)	= 7.25	0.04	8.70
.8	+7.2)	= 7.50	0.04	9.00
.2	+6.82)	= 6.96	0.04	8.35
.82	+7.0)	= 6.90	0.04	6.35

61.32

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427729

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	At the rate of Rs. 9483.48 →					Total =	61.32 cum 581527.00
	Item No. 13:- Providing and laying of hot applied thermoplastic compound 2.5mm th including reflectorising is exclusive of surface applied glass beads at 250 gms per sqm area thickness of 2.5mm glass beads as per IRC:35.	02	219.0	0.10	-	= 43.80 sqm	20813.75
	At the rate of Rs. 475.20 →					Grand total ⇒	3713858.00

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

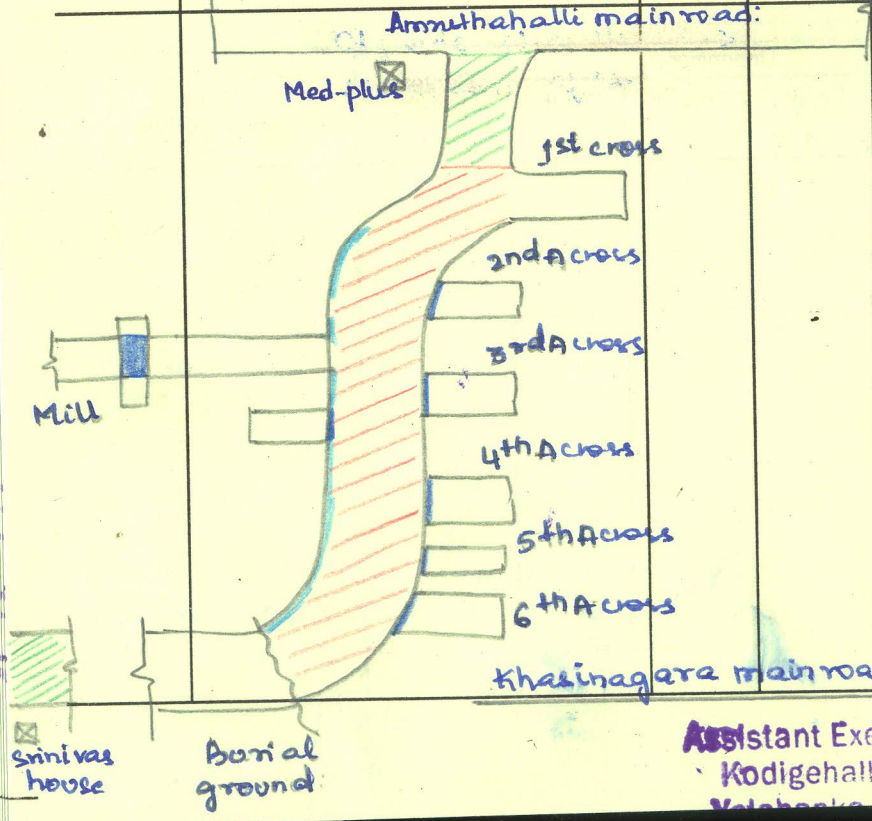
DE(LM) 19/6/18

MEASUREMENT BOOK

K+I S

L H S

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



INDEX

- RCC drain
- culverts
- Asphalt road
- WMM surfacing road

Asst. Exe. Engr.
AE(L2)

Assistant Executive Engineer
Kodigehalli Sub Division,

Serial No. Royalty - charges.

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work
Sl.No.	Details. 2
04	40mm m. - 42.30 cum
06	20mm m - 113.34 cum
08	WMM -
10	BM - 76.65 cum
12	BC - 61.32 cum

Abstract:-

1) fine aggregate:

2) coarse aggregate:

T BOOK

nsions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		INDEX	
		- RCC drain	
		- culverts	
		- Asphalt road	
		- WMM surfacing road	
		Abstract Ref. No. Date (last)	

apl.

Executive Engineer
Division,

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427730

Serial No. Royalty-charges.
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions Number	Length	Breadth	Depth	Contents	Reference to last Measurement
	Bl.No. Details. 2	(col 3)	(col 4)	(col 5)	(col 6)	7	8
04	40mm. - 42.30 cum	0.96	40.60	0.48	20.30		
06	20mm - 113.34 cum	0.90	102.0	0.45	51.00		
08	WMM -						
10	BM - 76.65 cum	1.00	76.65	-	-		
12	BC - 61.32 cum	1.40	85.84				
	Abstract:-						
	1) fine aggregate:	71.3 x	103 =	7343.90			
	2) coarse aggregate:	305.09	x 108 =	32949.72			
				40293.62			

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate:						
	1) Certified that the Contractor has completed the work satisfactory						
	2) Certified that debris has been removed from the work spot.						
	3) Certified that the work is not repeated under any other grants.						
	Abplly. N.D AE(HT)						
	Assistant Executive Engineer Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore						
	Assistant Executive Engineer Byatarayanapura Sub-Division KRIDL, BBMP, Bangalore						

M. A.
Mea

Serial No. .....
Name of W ..... From.
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	37,13,858-0	
	11589	
	35979	
	Rs: Thirty five Lack, ninety eight nine hundred sixty four on	

OK

Depth 6	Contents 7	Reference to last Measurement 8
ed the work satisfactory		
rom the work spot.		
d under any other		
ve Engineer,		
b Division,		
. B.B.M.P.,		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427731

Serial No. .....
Name of W..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	37,13,858-00 115894-00 3597964-00 Rs: Thirty five Lack. nindy eight thou nine hundred sixty four only. 13/02				Total Rs:	37.13,858-00	
					IT-	37139-00	
					Cess-	37139-00	
					CBF-	3714-00	
					LR	28852-00	
					Fin.	9050-00	
					Adjn.	115894-00	
					Charges	35.97,964-00	